

Accepted Manuscript

IWR-1, a tankyrase inhibitor, attenuates WNT/ β -catenin signaling in cancer stem-like cells and inhibits *in vivo* the growth of a subcutaneous human osteosarcoma xenograft

Sara R. Martins-Neves, Daniela I. Paiva-Oliveira, Carlos Fontes-Ribeiro, Judith V.M.G. Bovée, Anne-Marie Cleton-Jansen, Célia.M. F. Gomes

PII: S0304-3835(17)30698-5

DOI: [10.1016/j.canlet.2017.11.004](https://doi.org/10.1016/j.canlet.2017.11.004)

Reference: CAN 13594

To appear in: *Cancer Letters*

Received Date: 14 September 2017

Revised Date: 31 October 2017

Accepted Date: 3 November 2017

Please cite this article as: S.R. Martins-Neves, D.I. Paiva-Oliveira, C. Fontes-Ribeiro, J.V.M.G. Bovée, A.-M. Cleton-Jansen, C.M.F. Gomes, IWR-1, a tankyrase inhibitor, attenuates WNT/ β -catenin signaling in cancer stem-like cells and inhibits *in vivo* the growth of a subcutaneous human osteosarcoma xenograft, *Cancer Letters* (2017), doi: 10.1016/j.canlet.2017.11.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**IWR-1, a tankyrase inhibitor, attenuates WNT/ β -catenin signaling in
cancer stem-like cells and inhibits *in vivo* the growth of a subcutaneous
human osteosarcoma xenograft**

Running title: Targeting Wnt/ β -catenin in osteosarcoma stem-like cells

Sara R. Martins-Neves¹⁻⁴, Daniela I. Paiva-Oliveira^{1,2}, Carlos Fontes-Ribeiro^{1,2}, Judith V.M.G. Bovée⁴, Anne-Marie Cleton-Jansen^{4,†}, Célia M. F. Gomes^{1-3,*,†}

1. Pharmacology and Experimental Therapeutics, IBILI - Faculty of Medicine, University of Coimbra, Coimbra, Azinhaga de Sta. Comba, Celas, 3000-354, Portugal

2. CNC.IBILI, University of Coimbra, Coimbra, Portugal

3. CIMAGO, University of Coimbra, Coimbra, Portugal

4. Department of Pathology, Leiden University Medical Center, P.O.box 9600, L1-Q 2300 RC Leiden, The Netherlands

† These authors contributed equally to this work.

***Corresponding author**

Célia M. F. Gomes, PhD

Pharmacology and Experimental Therapeutics, IBILI - Faculty of Medicine, University of Coimbra, Coimbra, Azinhaga de Sta. Comba, Celas, 3000-354, Portugal

E-mail: cgomes@fmed.uc.pt

Download English Version:

<https://daneshyari.com/en/article/8434985>

Download Persian Version:

<https://daneshyari.com/article/8434985>

[Daneshyari.com](https://daneshyari.com)